

AMENDMENTS TO THE SPECIFICATION

In the Specification, please change title of the invention with the following amended title;
Training filters for detecting spasm based on IP addresses and text-related features

Also please change lines 17-31 on page 2 with following amended lines;

The present invention provides for a system and method that facilitate distinguishing between spam and good messages in part by employing various smoothing techniques to place less emphasis on making weights associated with origination or destination features small and more emphasis on making weights associated with words small. As a result, a machine learning filter can rely more on internet protocol (IP) addresses, for example, since they may need to see them fewer times than words to give them a higher weight.

According to one aspect of the present invention, the system and method provide for a machine learning filter that utilizes origination features such as IP addresses and/or destination features such as universal resource locators (URLs) apart or independently from other features such as text-based features (*e.g.*, key words or phrases). In particular, at least two filters can be trained independently of the other to handle different features. For example, a first filter can be trained on only origination or destination features and any other relevant features can be learned by a second filter, such that the training of the first filter does not influence the training of the second filter, or vice versa.